

Mariposa County Local Transportation Commission

Transportation Planning Overall Work Program

For Fiscal Year 2009-2010

Final

Mariposa County Local Transportation Commission
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1. Introduction

The Work Program

The Overall Work Program (OWP) is a budget for one fiscal year. It identifies transportation planning activities and funding sources used to pay for them. This OWP is for the 2009/2010 Fiscal Year: July 1, 2009 to June 30, 2010. Together with the Master Fund Transfer Agreement (MFTA) and the Overall Work Program Agreement (OWPA), the OWP constitutes the annual funding contract between the State of California and the Mariposa County Local Transportation Commission for Rural Planning Assistance (RPA) funds.

The primary concerns addressed in this Work Program are:

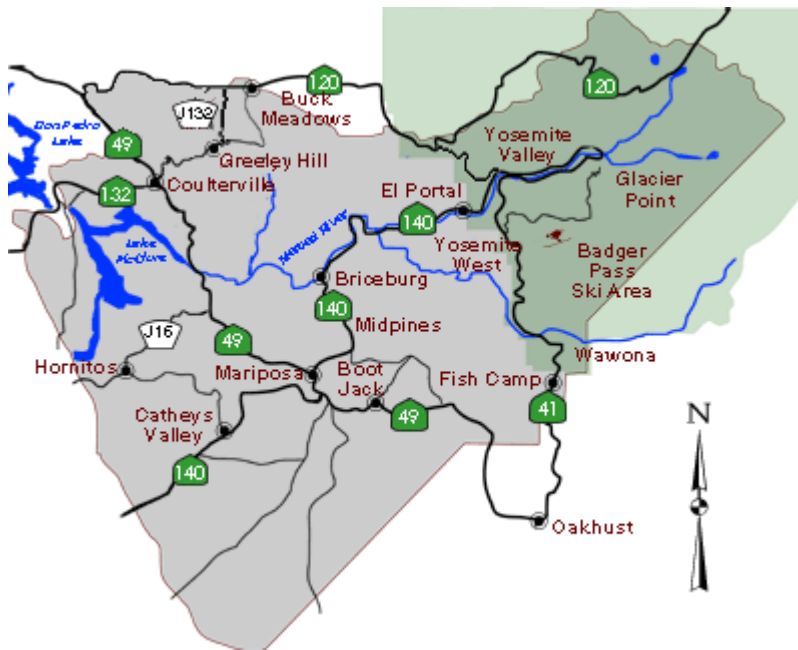
- Funding for transportation projects and programs
- Implementing priority projects and programs
- Coordination with federal, state, and local agencies
- Public participation and outreach
- Air Quality Conformity
- Consistency with the General Plan
- Improving transportation datasets and analysis capabilities

The main products of this Work Program will be:

- Complete a Public Participation Plan
- 2010 Regional Transportation Improvement Program
- Transit Marketing Study Update
- Short-Term Transit Plan
- Complete the Bicycle, Pedestrian, Equestrian Facility Plan

Regional Setting

Mariposa County is a rural, mountainous county with a population of approximately 18,000. Portions of Yosemite National Park, the Sierra National Forest, the Stanislaus National Forest, and other public lands account for about half of the almost 1,500 square miles of land area. Two highways – State Routes 49 and 140 – traverse the County, and three others – Routes 41, 120, and 132 – have portions within it.



While the County does not experience the same kind of congestion problems that face most urban areas, the incremental, low density, and widespread development pattern that is emerging creates traffic problems of their own. The primary concern is with the maintenance and improvement of the County's roadways to a safe and appropriate standard. As new housing goes up in the rural areas of the county, deficiencies in the roadway system are becoming more apparent. However, due to the mountainous terrain over much of the land, Mariposa faces higher road construction and maintenance costs than many areas. When the higher costs are combined with the small population, piecemeal growth, and low density of development, paying for necessary infrastructure maintenance and improvements becomes a more difficult task.

In the recent past, much of the growth in Mariposa County has come from tourism – mostly related to Yosemite National Park – and from the migration of retirees from urban and suburban areas.

The Local Transportation Commission

The structure of the Mariposa County Local Transportation Commission has not changed since it was formed in 1975. The Local Transportation Commission (LTC) is composed of the five members of the County Board of Supervisors, as there are no incorporated areas within the County. The County's Public Works Director is designated as the Executive Director of the LTC.

A Memorandum of Understanding between the Mariposa County Transportation Commission and the State of California was updated in 1999. This MOU describes the relationship between the State and County for transportation planning in Mariposa County.

The LTC has advisory committees that meet on an as-needed basis. These include the Policy Advisory Committee, and the Citizen's Advisory Committee. The purpose and structure of these committees has been reviewed and the LTC bylaws updated accordingly.

Additionally, a **Social Services Transportation Advisory Council** will meet prior to the Unmet Transit Need Hearing and at other times, as needed. Currently the council meets four times annually. This group advises the Commission on transit and other transportation needs within the County.

Public Involvement

Public input by citizens or any interested party is encouraged by the LTC and welcomed at all LTC meetings. Noticed public hearings are held on topics such as Unmet Transit Needs and adoption of the Regional Transportation Plan. The LTC strives to include continuous involvement of the community in the development of the plans and studies in this work program. Mariposa County is the ancestral home to numerous Native Americans (i.e. Tribes, communities, organizations, groups, and individuals). The LTC will outreach to the American Indian Council of Mariposa and other Native American, communities, organizations, groups and individuals for their participation. Finally, completing a Public Participation Plan is proposed for the 2009-2010 Fiscal Year, to more explicitly describe the LTC's public involvement goals and procedures.

Environmental Justice

County staff addresses the effects of transportation planning on traditionally underrepresented and underserved populations, such as the elderly, disabled, low-income, and minority (i.e. Black, Hispanic, Asian American, American Indian/Alaskan Native, and Pacific Islander) community groups and their leader by involving the potentially affected public in developing transportation projects that fit harmoniously within the community without sacrificing safety or mobility. The county accomplishes this goal both formally and informally through newspaper announcements, public hearings, workshops, and meetings with traditionally underrepresented communities and community leaders and notices to local minority groups.

2. The Transportation Planning Program

The Transportation Planning Program consists of a number of efforts, divided into Work Elements. The program and its elements are derived from a number of prior documents and programs including:

- The Overall Work Program Guidance for 2009-2010 set by Caltrans
- The Regional Planning Handbook
- The Regional Transportation Plan and updates
- The Regional Transportation Improvement Program and amendments
- The California Transportation Plan
- A 1990 Traffic Safety Evaluation of Mariposa County Roads conducted by the Institute of Transportation Studies
- YARTS and subsequent work in the development of a regional transit system
- The 1994 Mariposa County Highway 140 Transit Service Evaluation Report
- The 1997 Mariposa County Transit Development Plan Update

Summary of Work Elements

- Work Element 1 – **Regional Transportation Plan** (RTP) update and participate in regional planning efforts
- Work Element 2 – **Regional Transportation Improvement Program** (RTIP) preparation, Project Study Reports, and project monitoring
- Work Element 3 – **Transportation Planning Studies** for specific issues
- Work Element 4 – **Transit Planning** and coordination
- Work Element 5 – **Air Quality Planning** and coordination
- Work Element 6 – **Public Information** and outreach

Funding

The LTC's Work Program is funded from two sources: Rural Planning Assistance funds and State Transportation Improvement Program "Planning Programming & Monitoring" funds.

The anticipated funding levels for Fiscal Year 2009-2010 for Mariposa County is \$225,000 as listed below. Additional funding may become available with the reception of discretionary grant funds, and will be programmed at that time.

Funding Amounts and Sources

\$147,000	Rural Planning Assistance (RPA)
\$ 78,000	STIP Planning Programming & Monitoring Funds (PPM)
\$225,000	TOTAL FUNDING AVAILABLE

County Match Requirements

There is no local match required for these funds. STIP PPM funds are required to be spent on the planning, programming and monitoring of current and future STIP projects.

Various grant programs have different match requirements that range from no match, to 50% matching, dependent on the source and type of program, but no grant funding is identified in this Work Program.

Funding by Element

Work Element	Funding Source	Budgeted Amount
1 – RTP	RPA	\$10,000
2 – RTIP	STIP PPM	\$78,000
3 – Studies	RPA	\$60,000
4 – Transit	RPA	\$52,000
5 – Air Quality	RPA	\$ 5,000
6 – Public Info	RPA	\$20,000
	TOTAL	\$225,000

Planning Emphasis Areas

The Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) identify “Planning Emphasis Areas” every year, to promote priority themes for consideration, as appropriate, in statewide and metropolitan planning work programs. California accepts the emphasis areas as its statewide planning priorities for rural areas. For FY 2009/2010, five key planning themes have been identified:

1. Incorporating Safety and Security in Transportation Planning
2. Participation of Transit Operations in Metropolitan and Statewide Planning
3. Coordination for Non-Emergency Human Service Transportation
4. Planning for Transit Systems Management/Operations to Increase Ridership
5. Support Transit Capital Investment Through Effective Systems Planning

These priorities are addressed in this work program as follows:

1. Safety and Security

Safety is a high priority for Mariposa County. It is County policy to ensure that all roadways and other transportation facilities meet requirements adequate to ensure public safety. Many of the projects included in the RTP and RTIP address safety concerns. Planning studies identify dangerous intersections and other safety issues. Finally, a major component of public outreach is promotion of safety.

2. Participation of Transit Operations

The LTC coordinates and consults with transit operators to encourage participation and multimodal transportation decision-making.

3. Non-Emergency Human Service Transportation

Transit related planning in Work Element 4 results in the provision of basic mobility needs for some citizens, including seniors’ access to medical care. It also provides alternative methods of travel in Mariposa County. Also, current and proposed transit operations allow tourists, park employees, and County residents to travel by bus through Mariposa County to Yosemite National Park.

4. Management and Operations

Operational improvements to the State and County roadways within Mariposa County will aid in improving accessibility and mobility for goods and motor vehicle movement. Transit planning and planning studies identify ways to increase the efficiency of transportation systems which will assist in increasing ridership.

5. Transit Capital Investment

Many of the planning studies in Work Element 3 are designed to enhance technical information and analysis capabilities, which will increase the quality and detail of planning. Mariposa County is also developing more Geographic Information System data and tools.

Matrix

The matrix below shows which work element(s) address which emphasis area(s):

Work Elements

	1	2	3	4	5	6
Planning Emphasis Area	RTP	RTIP	Studies	Transit	Air Quality	Public Info
1. Safety and Security	X	X	X			X
2. Participation of Transit Operations	X	X	X	X		
3. Human Service Transportation				X		X
4. Management and Operations	X	X	X	X	X	X
5. Transit Capital Investment			X		X	

3. Work Elements

WORK ELEMENT 1

Regional Transportation Plan (RTP)

This element's purpose is to complete amendments to the 2008 Regional Transportation Plan (RTP) as required. The RTP serves as a guide for transportation planning activities in Mariposa County. It is a long-range (20 year) planning document that establishes the region's transportation goals, policies, programs, projects, and the financial resources available to implement them.

This element also includes intergovernmental coordination, on all matters of transportation policy in the County.

Previous & Ongoing Work

- Complete the Regional Transportation Plan
- Road Circulation and Improvement Policy

Proposed Products

- Amendments to the RTP (as needed)
- Document outreach efforts and meetings with traditionally underrepresented and underserved populations and community leaders. (continuous)

Task Schedule

- Review General Plan Circulation Element drafts and submit comments (as needed)
- Participate in Statewide planning efforts and in the Rural Counties Task Force. (July, September, November 2009, January, March and May 2010)
- Participate in regional, state, and federal transportation planning (continuous)
- ITS infrastructure training and enrichment (as needed)
- Conduct outreach efforts and meetings with traditionally underrepresented and underserved populations such as the elderly, disabled, low-income, and minority (i.e. Black, Hispanic, Asian American, American Indian / Alaskan Native, and Pacific Islander) community groups and their leaders.

Funding

Funding Source	Work Performed by	Budgeted Amount
RPA	LTC	\$10,000
	TOTAL	\$10,000

WORK ELEMENT 2

Regional Transportation Improvement Program (RTIP)

This work element consists of programming and monitoring “STIP” projects. Projects are programmed every two years in the Regional Transportation Improvement Program (RTIP) that is submitted to the state and subsequently becomes part of the State Transportation Improvement Program (STIP). After that, projects are allocated for construction according to their programmed schedule. Project implementation must be monitored, including project delivery, timely use of funds, and compliance with State law and the California Transportation Commission’s guidelines. This work element consists of programming and monitoring “STIP” projects.

This element also includes preparation of Project Study Reports (PSR) for County road improvement projects. A PSR or equivalent is required by the CTC for any project that is seeking to be included into the State Transportation Improvement Program (STIP). Moreover, a PSR is used to evaluate the feasibility of each proposed project to be included in the STIP.

Previous & Ongoing Work

- 2010 Regional Transportation Improvement Program and subsequent amendments
- PSRs for RTIP/STIP Projects

Proposed Products

- STIP amendments
- PSRs

Task Schedule

1. RTIP project planning, programming and monitoring (continuous)
2. Development of project PSRs (as needed)

Funding

Funding Source	Work Performed by	Budgeted Amount
STIP PPM	LTC	\$78,000
	TOTAL	\$78,000

WORK ELEMENT 3

Transportation Planning Studies

The purpose of this element is to develop transportation plans, studies and programs other than the RTP and RTIP. Plan updates and plan implementation activities may occur in any of the planning areas, but the focus of efforts this year will be adopting the Bicycle, Pedestrian and Equestrian Facilities Plan, developing a regional traffic model, and preparing a Mariposa Town Corridor Study.

Previous & Ongoing Work

- Field road inventory & traffic counts on County roads
- Computer database relating land use to roadways
- State highway project priority lists
- Pavement management system
- County road inventory & mile post system
- Draft Bicycle, Pedestrian and Equestrian Facilities Plan

Proposed Products

- Adopt the Bicycle, Pedestrian and Equestrian Facilities Plan
- Town planning area circulation plans (as necessary)
- Production of County Road inventory
- Geographic Information System development
- Update Airport Land Use Compatibility Plan
- Document public meetings with traditionally underrepresented groups and community leaders such as the elderly, disabled, low-income, and minority communities (i.e. Black, Asian American, American Indian/Alaskan Native and Pacific Islander).

Task Schedule

1. Conduct public meetings to review and solicit comments on the Bicycle, Pedestrian and Equestrian Facilities Plan. (Spring 2010).
2. Traffic volume counts of selected County roads. (as needed)
3. Development of planning & analysis tools and resources. (continuous)
4. Town circulation plans. Continue to meet and work with citizen groups (including traditionally underrepresented groups and community leaders). County Planning Department and Caltrans to develop circulation plans for the County's major community areas. (continuous)
5. Develop annual priority list of projects using data developed with pavement management, drainage and Right-of-Way inventories. (January 2010)
6. Coordinate Highway improvements with neighboring counties and Caltrans Districts 6 & 10 on State highways. (continuous).
7. Explore opportunities to incorporate Intelligent Transportation System (ITS) concepts and technology into the County transportation system. Discuss responsibilities for development

and implementation procedures for maintaining ITS architecture as it evolves within our region. (continuous)

8. Continue development of a Geographic Information System and other planning tools. (continuous)
9. Administer transportation related revenues including RSTP Exchange, LTF, 5311, 5310, PPM, and others. (continuous)
10. Prepare Transportation Planning Overall Work Program (February – April 2010)

Funding

Funding Source	Work Performed by	Budgeted Amount
RPA	LTC	\$60,000
	TOTAL	\$60,000

WORK ELEMENT 4

Transit Planning

This work element will be focused on the activities involved with local transit planning. Much of this work element derives from the mandates of the Transit Development Act (TDA) and the Social Services Transportation Improvement Act, including the County transit Unmet Transit Needs hearing, the Social Services Transportation Advisory Council (SSTAC), Transit Development Plan Updates, Transit Action Plans, and Social Services Transportation Inventories. Also included will be any other local transit related planning activities and administrative tasks, such as TDA fund allocations to transit operators and program audits. This element also includes participation in the Yosemite Area Regional Transportation System.

Previous & Ongoing Work

- Transit Development Plans
- Social Services Transportation Inventories
- Transit Marketing Study

Proposed Products

- Unmet Transit Needs public hearing and determination
- Transit Development Plan Update
- Federal Transit Administration (FTA) grant applications
- Transit Marketing Study Update

Task Schedule

1. Social Services Transportation Advisory Committee meetings (quarterly)
2. Unmet Transit Needs Public Hearing and related reporting activities. (May 2010)
3. Project development for FTA grant opportunities. (continuous)
4. Tracking expenditures of LTF and STA Funds. (continuous)
5. Research and complete the filing of FTA grant applications. (continuous)
6. Route planning and coordination with other transit services. (continuous)
7. General transit related planning activities. (continuous)
8. Coordination with other agencies and counties as related to the Yosemite Area Regional Transportation System (YARTS). (continuous)
9. Participation in YARTS Authority Advisory Committee and Management Board meetings, subcommittee meetings, and coordination. (continuous)

Funding

Funding Source	Work Performed by	Budgeted Amount
RPA	LTC	\$52,000
	TOTAL	\$52,000

WORK ELEMENT 5

Air Quality Planning

The purpose of this work element is to advise the LTC on air quality issues and policies; to ensure that transportation plans, programs, and projects conform to the most recent air quality requirements; and to coordinate effectively with other government agencies on these matters.

Air quality conformity is the process wherein plans, programs, and projects are shown to meet the requirements of the Clean Air Act Amendments and the applicable State Implementation Plan. Mariposa County is designated to be in "non-attainment" for the pollutant ozone. The LTC works closely with the Mariposa County Air District, Caltrans District 10, neighboring counties and other agencies on matters of air quality.

Previous & Ongoing Work

- Interagency Consultation Procedures (June 2005)

Proposed Products

- Air Quality Conformity Analysis

Task Schedule

1. Participate in interagency coordination on air quality matters (continuous)
2. Monitor air quality conformity requirements (continuous)
3. Consult with Caltrans and other agencies (continuous)
4. Prepare Air Quality Conformity Analysis (as needed)
5. Brief LTC on air quality issues and implications (as needed)

Funding

Funding Source	Work Performed by	Budgeted Amount
RPA	LTC	\$5,000
	TOTAL	\$5,000

WORK ELEMENT 6

Public Information

This element will help develop a marketing campaign to promote the LTC to the public through a website, informational brochure, a logo, conducting open houses, and meetings. Additionally, outreach efforts and meetings with traditionally underrepresented and underserved populations such as the elderly, disabled, low-income, and minority communities (i.e. Black, Hispanic, Asian American, American Indian/Alaskan Native, and Pacific Islander), community groups and their leaders.

Previous & Ongoing Work

- Public Participation Plan

Proposed Products

- Prepare a Public Participation Plan
- Maintain LTC website
- LTC logo
- Brochure and Fact Sheet
- Document public meetings and outreach efforts with traditionally underrepresented and underserved populations and community leaders.

Task Schedule

1. Complete a Public Participation Plan (Fall 2009)
2. Maintain website (continuous)
3. Meet with traditionally underrepresented and underserved populations, such as elderly, disabled, low-income and minority (i.e. Black, Hispanic, Asian American, American Indian/Alaskan Native, and Pacific Islander) and community leaders.

Funding

Funding Source	Work Performed by	Budgeted Amount
RPA	LTC	\$20,000
	TOTAL	\$20,000

WORK ELEMENTS SUMMARY

Work Element	Funding Source	Local Match	Budgeted Amount
1- RTP	RPA	0	\$10,000
2 - RTIP	STIP PPM	0	\$78,000
3 - Studies	RPA	0	\$60,000
4 - Transit	RPA	0	\$52,000
5 - Air Quality	RPA	0	\$5,000
6 - Public Info	RPA	0	\$20,000